

# DEATSCH

# WERKS

*Fueling Your Passion For Performance*



**NEW AGE**  
TECHNOLOGY

## Forums Special Injector Report

### Testing Information

Customer Name	P. Heath Roberts	Air Temp	75F
Testing Date	08/04/08	Device	New Age NA8
Make/Model	Infiniti Q45	Specific Gravity	0.696@25C
Injector Model	NEW MODEL	Testing Pressure	43.5
Injector Type	side feed (gallery type)	Calibration Factor	1.000
Number in Set	8	Technician ID	MH

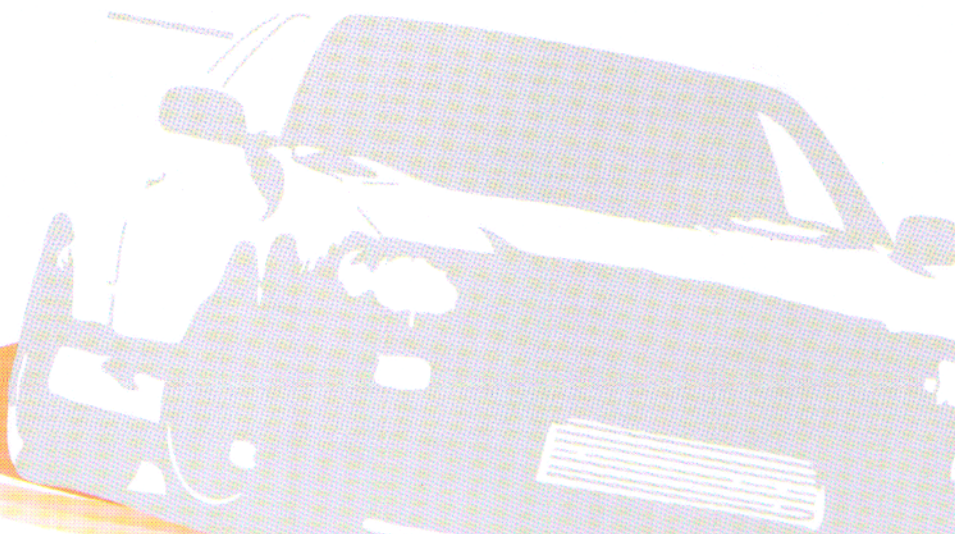
### Results

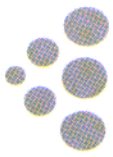
Injector #	BEFORE CLEANING				AFTER CLEANING			
	Static		Dynamic		Static		Dynamic	
	cc/min	lbs/hr	cc/min	lbs/hr	cc/min	lbs/hr	cc/min	lbs/hr
1					416	39.6	309	29.4
2					433	41.2	319	30.4
3					425	40.5	314	29.9
4					417	39.7	311	29.6
5					428	40.8	317	30.2
6					431	41.0	319	30.4
7					425	40.5	315	30.0
8					428	40.8	319	30.4
Total System					3403	324.1	2523	240.3
Min. Flow					416	39.6	309	29.4
Max Flow					433	41.2	319	30.4
Avg Flow					425	40.5	315	30.0
% Balanced					96.0%		96.8%	
% Difference					4.0%		3.2%	

**Not Performed**

### Notes

Aftermarket





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### Testing Information

Customer Name	P. Heath Roberts	Air Temp	75F
Testing Date	08/04/08	Device	New Age NA8
Make/Model	Nissan OEM 370	Specific Gravity	0.696@25C
Injector Model	JECS	Testing Pressure	43.5
Injector Type	side feed (gallery type)	Calibration Factor	1.000
Number in Set	4	Technician ID	MH

### Results

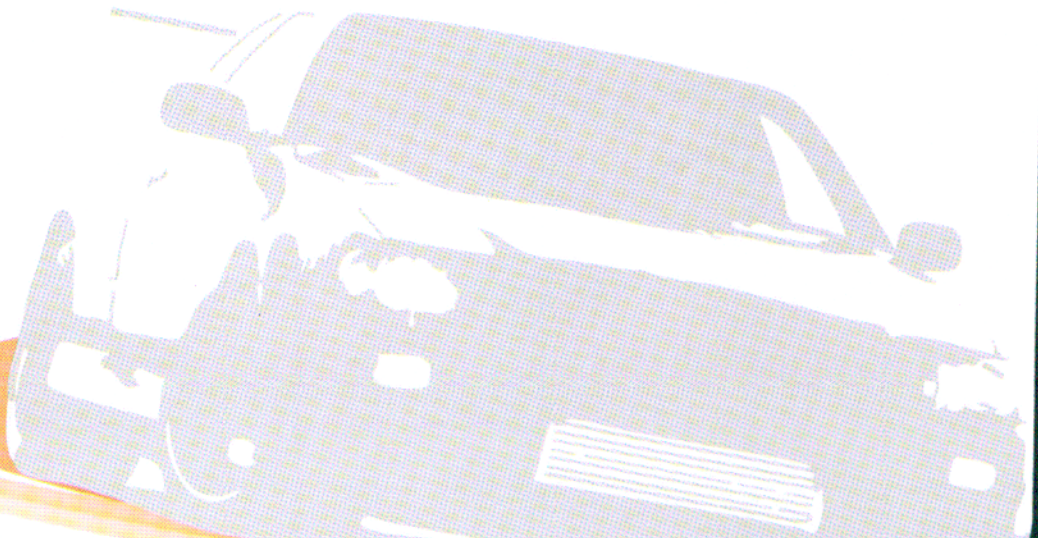
Injector #	BEFORE CLEANING				AFTER CLEANING			
	Static		Dynamic		Static		Dynamic	
	cc/min	lbs/hr	cc/min	lbs/hr	cc/min	lbs/hr	cc/min	lbs/hr
1					424	40.4	322	30.7
2					423	40.3	322	30.7
3					422	40.2	321	30.6
4					422	40.2	321	30.6

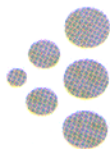
**Not Performed**

Total System	1691	161.0	1286	122.5
Min. Flow	422	40.2	321	30.6
Max Flow	424	40.4	322	30.7
Avg Flow	423	40.3	322	30.6
% Balanced	99.5%		99.7%	
% Difference	0.5%		0.3%	

### Notes

OEM

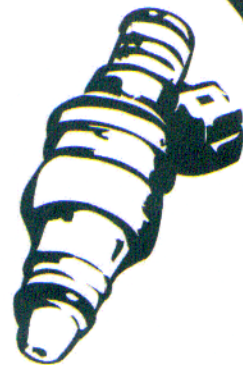




# DEATSCHWERKS

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**NEW AGE TECHNOLOGY**



## Dynamic PLUS Injector Report

### Testing Information

Set ID	P. Heath Roberts	Air Temp	82
Testing Date	8/4/2008	Device	New Age NA8
Make/Model	Subaru WRX	Specific Gravity	0.681@25C
Injector Model	Jecs	Testing Pressure	43.5
Injector Type	Side Feed		
Number in Set	8		

### Flow Data (before cleaning)

Injector ID #	Dynamic		Static		Spray Pattern
	cc/min	lbs/hr	cc/min	lbs/hr	
1	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	good
2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	good
3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	good
4	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	good
1	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	good
2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	good
3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	good
4	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	good
Total System	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Min. Flow	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Max Flow	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Avg Flow	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
% Balanced	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
% Difference	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

blue = aftermarket  
green = OEM

### Dynamic PLUS Flow Results (after cleaning)

Injector #	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%	95%	100%
1	#DIV/0!	79	#DIV/0!	159	#DIV/0!	258	#DIV/0!	328	#DIV/0!	365	#DIV/0!	406	#DIV/0!
2	#DIV/0!	79	#DIV/0!	164	#DIV/0!	266	#DIV/0!	340	#DIV/0!	379	#DIV/0!	413	#DIV/0!
3	#DIV/0!	78	#DIV/0!	162	#DIV/0!	262	#DIV/0!	334	#DIV/0!	373	#DIV/0!	409	#DIV/0!
4	#DIV/0!	78	#DIV/0!	160	#DIV/0!	261	#DIV/0!	330	#DIV/0!	367	#DIV/0!	402	#DIV/0!
1	#DIV/0!	77	#DIV/0!	167	#DIV/0!	256	#DIV/0!	320	#DIV/0!	365	#DIV/0!	411	#DIV/0!
2	#DIV/0!	78	#DIV/0!	167	#DIV/0!	254	#DIV/0!	320	#DIV/0!	367	#DIV/0!	412	#DIV/0!
3	#DIV/0!	77	#DIV/0!	167	#DIV/0!	257	#DIV/0!	321	#DIV/0!	367	#DIV/0!	413	#DIV/0!
4	#DIV/0!	77	#DIV/0!	166	#DIV/0!	257	#DIV/0!	321	#DIV/0!	367	#DIV/0!	409	#DIV/0!
Total System	#DIV/0!	624	#DIV/0!	1310	#DIV/0!	2070	#DIV/0!	2614	#DIV/0!	2949	#DIV/0!	3276	#DIV/0!
Min. Flow	#DIV/0!	77	#DIV/0!	159	#DIV/0!	254	#DIV/0!	320	#DIV/0!	365	#DIV/0!	402	#DIV/0!
Max Flow	#DIV/0!	79	#DIV/0!	167	#DIV/0!	266	#DIV/0!	340	#DIV/0!	379	#DIV/0!	413	#DIV/0!
Avg Flow	#DIV/0!	78	#DIV/0!	164	#DIV/0!	259	#DIV/0!	327	#DIV/0!	369	#DIV/0!	410	#DIV/0!
% Balanced	#DIV/0!	97.3%	#DIV/0!	95.6%	#DIV/0!	95.7%	#DIV/0!	93.9%	#DIV/0!	96.2%	#DIV/0!	97.4%	#DIV/0!
% Difference	#DIV/0!	2.7%	#DIV/0!	4.4%	#DIV/0!	4.3%	#DIV/0!	6.1%	#DIV/0!	3.8%	#DIV/0!	2.6%	#DIV/0!